

L NUMBER	HITS	SEARCH TEXT	DB	TIME STAMP
-	85938	BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/17 12:56
-	4748	(BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 16:54
-	788	((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 16:55
-	117	QUASI-NEWTON	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 16:55
-	5	((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND QUASI-NEWTON	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 20:27
-	951	JACOBIAN OR BROYDEN	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 20:20
-	123	QUASINEWTON OR "QUASI NEWTON"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/04 14:28
-	5	((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (QUASINEWTON OR "QUASI NEWTON")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 16:59
-	18	((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (JACOBIAN OR BROYDEN)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 16:58
-	20	((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (JACOBIAN OR BROYDEN)) OR (((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (QUASINEWTON OR "QUASI NEWTON"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 17:16
-	248	702/6.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 17:14
-	210	702/7.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 17:10
-	322	367/25.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 17:10

-	187	367/73.CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 17:10
-	386	324/323.CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 17:10
-	254	324/339.CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 17:10
-	1483	702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 17:14
-	123	QUASI-NEWTON OR (QUASINEWTON OR "QUASI NEWTON")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 17:14
-	3	(702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (QUASI-NEWTON OR (QUASINEWTON OR "QUASI NEWTON"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 17:15
-	17	(702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (JACOBIAN OR BROYDEN)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 17:15
-	19	((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (QUASI-NEWTON OR (QUASINEWTON OR "QUASI NEWTON")) OR ((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (JACOBIAN OR BROYDEN))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 17:16
-	27	(((((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (JACOBIAN OR BROYDEN)) OR (((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (QUASINEWTON OR "QUASI NEWTON")) OR (((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (QUASI-NEWTON OR (QUASINEWTON OR "QUASI NEWTON")) OR ((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (JACOBIAN OR BROYDEN)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 17:22
-	123	QUASI-NEWTON OR (QUASINEWTON OR "QUASI NEWTON")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 17:46
-	3779303	(QUASI-NEWTON OR (QUASINEWTON OR "QUASI NEWTON")) AND SEISM\$ OR WELL OR HOLE OR BORE	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 17:32
-	99	(QUASI-NEWTON OR (QUASINEWTON OR "QUASI NEWTON")) AND (SEISM\$ OR WELL OR HOLE OR BORE)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 17:38

-	93	((QUASI-NEWTON OR QUASINEWTON OR "QUASI NEWTON")) AND (SEISM\$ OR WELL OR HOLE OR BORE) NOT ((((((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (JACOBIAN OR BROYDEN)) OR (((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (QUASINEWTON OR "QUASI NEWTON")))) OR (((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (QUASI-NEWTON OR (QUASINEWTON OR "QUASI NEWTON")))) OR ((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (JACOBIAN OR BROYDEN))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 17:38
-	19	(JACOBIAN OR BROYDEN) AND (QUASI-NEWTON OR (QUASINEWTON OR "QUASI NEWTON"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 17:52
-	5	(US-5764871-\$ OR US-5588032-\$ OR US-5241608-\$ OR US-5210691-\$ OR US-6005916-\$).DID.	USPAT	2003/03/02 17:49
-	5	(US-5468088-\$ OR US-5241608-\$ OR US-5095466-\$ OR US-4809239-\$ OR US-5764871-\$).DID.	USPAT	2003/03/02 17:51
-	8	(US-6047240-\$ OR US-6005916-\$ OR US-5588032-\$ OR US-5210691-\$ OR US-4916616-\$ OR US-4972383-\$ OR US-4809239-\$).DID. OR (WO-111391-\$).DID.	USPAT; EPO	2003/03/02 17:52
-	3	((JACOBIAN OR BROYDEN) AND (QUASI-NEWTON OR (QUASINEWTON OR "QUASI NEWTON")))) AND ((US-6047240-\$ OR US-6005916-\$ OR US-5588032-\$ OR US-5210691-\$ OR US-4916616-\$ OR US-4972383-\$ OR US-4809239-\$).DID. OR (WO-111391-\$).DID.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 17:53
-	32	(((((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (JACOBIAN OR BROYDEN)) OR (((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (QUASINEWTON OR "QUASI NEWTON")))) OR (((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (QUASI-NEWTON OR (QUASINEWTON OR "QUASI NEWTON")))) OR ((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (JACOBIAN OR BROYDEN)))) ((US-5764871-\$ OR US-5588032-\$ OR US-5241608-\$ OR US-5210691-\$ OR US-6005916-\$).DID.) ((US-5468088-\$ OR US-5241608-\$ OR US-5095466-\$ OR US-4809239-\$ OR US-5764871-\$).DID.) ((US-6047240-\$ OR US-6005916-\$ OR US-5588032-\$ OR US-5210691-\$ OR US-4916616-\$ OR US-4972383-\$ OR US-4809239-\$).DID. OR (WO-111391-\$).DID.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 17:54

	4	<p>((((((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (JACOBIAN OR BROEDEN)) OR (((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (QUASINERTON OR "QUASI NEWTON")) OR (((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (QUASI-NEWTON OR (QUASINERTON OR "QUASI NEWTON")) OR ((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (JACOBIAN OR BROEDEN)))) ((US-5764871-\$ OR US-5588032-\$ OR US-5241608-\$ OR US-5210691-\$ OR US-6005916-\$).DID.) ((US-5468088-\$ OR US-5241608-\$ OR US-5095466-\$ OR US-4809239-\$ OR US-5764871-\$).DID.) ((US-6047240-\$ OR US-6005916-\$ OR US-5588032-\$ OR US-5210691-\$ OR US-4916616-\$ OR US-4972383-\$ OR US-4809239-\$).DID. OR (WO-111391-\$).DID.)) AND INFLECTION</p> <p>1</p> <p>((((((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (JACOBIAN OR BROEDEN)) OR (((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (QUASINERTON OR "QUASI NEWTON")) OR (((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (QUASI-NEWTON OR (QUASINERTON OR "QUASI NEWTON")) OR ((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (JACOBIAN OR BROEDEN)))) ((US-5764871-\$ OR US-5588032-\$ OR US-5241608-\$ OR US-5210691-\$ OR US-6005916-\$).DID.) ((US-5468088-\$ OR US-5241608-\$ OR US-5095466-\$ OR US-4809239-\$ OR US-5764871-\$).DID.) ((US-6047240-\$ OR US-6005916-\$ OR US-5588032-\$ OR US-5210691-\$ OR US-4916616-\$ OR US-4972383-\$ OR US-4809239-\$).DID. OR (WO-111391-\$).DID.)) AND HOMOGENOUS</p> <p>12</p> <p>((((((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (JACOBIAN OR BROEDEN)) OR (((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (QUASINERTON OR "QUASI NEWTON")) OR (((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (QUASI-NEWTON OR (QUASINERTON OR "QUASI NEWTON")) OR ((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (JACOBIAN OR BROEDEN)))) ((US-5764871-\$ OR US-5588032-\$ OR US-5241608-\$ OR US-5210691-\$ OR US-6005916-\$).DID.) ((US-5468088-\$ OR US-5241608-\$ OR US-5095466-\$ OR US-4809239-\$ OR US-5764871-\$).DID.) ((US-6047240-\$ OR US-6005916-\$ OR US-5588032-\$ OR US-5210691-\$ OR US-4916616-\$ OR US-4972383-\$ OR US-4809239-\$).DID. OR (WO-111391-\$).DID.)) AND RADIAL</p>	<p>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</p> <p>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</p> <p>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</p>	<p>2003/03/02 17:59</p> <p>2003/03/02 17:55</p> <p>2003/03/02 17:56</p>
--	---	---	--	---

	16	<p>((((((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (JACOBIAN OR BROYDEN)) OR (((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (QUASINEWTON OR "QUASI NEWTON")))) OR (((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (QUASINEWTON OR (QUASINEWTON OR "QUASI NEWTON")))) OR ((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (JACOBIAN OR BROYDEN)))) ((US-5764871-\$ OR US-5588032-\$ OR US-5241608-\$ OR US-5210691-\$ OR US-6005916-\$).DID.) ((US-5468088-\$ OR US-5241608-\$ OR US-5095466-\$ OR US-4809239-\$ OR US-5764871-\$).DID.) ((US-6047240-\$ OR US-6005916-\$ OR US-5588032-\$ OR US-5210691-\$ OR US-4916616-\$ OR US-4972383-\$ OR US-4809239-\$).DID. OR (WO-111391-\$).DID.)) AND INTERPOLAT\$6</p>	<p>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</p>	2003/03/02 17:57
	5	<p>((((((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (JACOBIAN OR BROYDEN)) OR (((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (QUASINEWTON OR "QUASI NEWTON")))) OR (((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (QUASINEWTON OR (QUASINEWTON OR "QUASI NEWTON")))) OR ((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (JACOBIAN OR BROYDEN)))) ((US-5764871-\$ OR US-5588032-\$ OR US-5241608-\$ OR US-5210691-\$ OR US-6005916-\$).DID.) ((US-5468088-\$ OR US-5241608-\$ OR US-5095466-\$ OR US-4809239-\$ OR US-5764871-\$).DID.) ((US-6047240-\$ OR US-6005916-\$ OR US-5588032-\$ OR US-5210691-\$ OR US-4916616-\$ OR US-4972383-\$ OR US-4809239-\$).DID. OR (WO-111391-\$).DID.)) AND RADIAL) AND (((((((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (JACOBIAN OR BROYDEN)) OR (((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (QUASINEWTON OR "QUASI NEWTON")))) OR (((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (QUASINEWTON OR (QUASINEWTON OR "QUASI NEWTON")))) OR ((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (JACOBIAN OR BROYDEN)))) ((US-5764871-\$ OR US-5588032-\$ OR US-5241608-\$ OR US-5210691-\$ OR US-6005916-\$).DID.) ((US-5468088-\$ OR US-5241608-\$ OR US-5095466-\$ OR US-4809239-\$ OR US-5764871-\$).DID.) ((US-6047240-\$ OR US-6005916-\$ OR US-5588032-\$ OR US-5210691-\$ OR US-4916616-\$ OR US-4972383-\$ OR US-4809239-\$).DID. OR (WO-111391-\$).DID.)) AND INTERPOLAT\$6)</p>	<p>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</p>	2003/03/02 17:59

	O	(((((((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (JACOBIAN OR BROYDEN)) OR (((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (QUASINEWTON OR "QUASI NEWTON")) OR (((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (QUASINEWTON OR (QUASINEWTON OR "QUASI NEWTON")) OR ((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (JACOBIAN OR BROYDEN)))) (US-5764871-\$ OR US-5588032-\$ OR US-5241608-\$ OR US-5210691-\$ OR US-6005916-\$).DID.) ((US-5468088-\$ OR US-5241608-\$ OR US-5095466-\$ OR US-4809239-\$ OR US-5764871-\$).DID.) ((US-6047240-\$ OR US-6005916-\$ OR US-5588032-\$ OR US-5210691-\$ OR US-4916616-\$ OR US-4972383-\$ OR US-4809239-\$).DID. OR (WO-111391-\$).DID.)) AND INFLECTION) AND (((((((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (JACOBIAN OR BROYDEN)) OR (((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (QUASINEWTON OR "QUASI NEWTON")) OR (((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (QUASINEWTON OR (QUASINEWTON OR "QUASI NEWTON")) OR ((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (JACOBIAN OR BROYDEN)))) (US-5764871-\$ OR US-5588032-\$ OR US-5241608-\$ OR US-5210691-\$ OR US-6005916-\$).DID.) ((US-5468088-\$ OR US-5241608-\$ OR US-5095466-\$ OR US-4809239-\$ OR US-5764871-\$).DID.) ((US-6047240-\$ OR US-6005916-\$ OR US-5588032-\$ OR US-5210691-\$ OR US-4916616-\$ OR US-4972383-\$ OR US-4809239-\$).DID. OR (WO-111391-\$).DID.)) AND RADIAL) AND (((((((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (JACOBIAN OR BROYDEN)) OR (((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (QUASINEWTON OR "QUASI NEWTON")) OR (((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (QUASINEWTON OR (QUASINEWTON OR "QUASI NEWTON")) OR ((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (JACOBIAN OR BROYDEN)))) (US-5764871-\$ OR US-5588032-\$ OR US-5241608-\$ OR US-5210691-\$ OR US-6005916-\$).DID.) ((US-5468088-\$ OR US-5241608-\$ OR US-5095466-\$ OR US-4809239-\$ OR US-5764871-\$).DID.) ((US-6047240-\$ OR US-6005916-\$ OR US-5588032-\$ OR US-5210691-\$ OR US-4916616-\$ OR US-4972383-\$ OR US-4809239-\$).DID. OR (WO-111391-\$).DID.)) AND INTERPOLAT\$6))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 18:04
--	---	---	---	------------------

	O	(((((((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (JACOBIAN OR BROYDEN)) OR (((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (QUASINEWTON OR "QUASI NEWTON")))) OR (((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (QUASINEWTON OR (QUASINEWTON OR "QUASI NEWTON")))) OR ((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (JACOBIAN OR BROYDEN)))) ((US-5764871-\$ OR US-5588032-\$ OR US-5241608-\$ OR US-5210691-\$ OR US-6005916-\$).DID.) ((US-5468088-\$ OR US-5241608-\$ OR US-5095466-\$ OR US-4809239-\$ OR US-5764871-\$).DID.) ((US-6047240-\$ OR US-6005916-\$ OR US-5588032-\$ OR US-5210691-\$ OR US-4916616-\$ OR US-4972383-\$ OR US-4809239-\$).DID. OR (WO-111391-\$).DID.)) AND INFLECTION) AND (((((((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (JACOBIAN OR BROYDEN)) OR (((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (QUASINEWTON OR "QUASI NEWTON")))) OR (((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (QUASI-NEWTON OR (QUASINEWTON OR "QUASI NEWTON")))) OR ((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (JACOBIAN OR BROYDEN)))) ((US-5764871-\$ OR US-5588032-\$ OR US-5241608-\$ OR US-5210691-\$ OR US-6005916-\$).DID.) ((US-5468088-\$ OR US-5241608-\$ OR US-5095466-\$ OR US-4809239-\$ OR US-5764871-\$).DID.) ((US-6047240-\$ OR US-6005916-\$ OR US-5588032-\$ OR US-5210691-\$ OR US-4916616-\$ OR US-4972383-\$ OR US-4809239-\$).DID. OR (WO-111391-\$).DID.)) AND RADIAL)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 18:04
--	---	--	---	------------------

	3	<p>(((((((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (JACOBIAN OR BROYDEN)) OR (((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (QUASINEWTON OR "QUASI NEWTON")))) OR (((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (QUASI-NEWTON OR (QUASINEWTON OR "QUASI NEWTON")))) OR ((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (JACOBIAN OR BROYDEN))) ((US-5764871-\$ OR US-5588032-\$ OR US-5241608-\$ OR US-5210691-\$ OR US-6005916-\$).DID.) ((US-5468088-\$ OR US-5241608-\$ OR US-5095466-\$ OR US-4809239-\$ OR US-5764871-\$).DID.) ((US-6047240-\$ OR US-6005916-\$ OR US-5588032-\$ OR US-5210691-\$ OR US-4916616-\$ OR US-4972383-\$ OR US-4809239-\$).DID. OR (WO-111391-\$).DID.)) AND INFLECTION) AND (((((((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (JACOBIAN OR BROYDEN)) OR (((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (QUASINEWTON OR "QUASI NEWTON")))) OR (((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (QUASI-NEWTON OR (QUASINEWTON OR "QUASI NEWTON")))) OR ((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (JACOBIAN OR BROYDEN))) ((US-5764871-\$ OR US-5588032-\$ OR US-5241608-\$ OR US-5210691-\$ OR US-6005916-\$).DID.) ((US-5468088-\$ OR US-5241608-\$ OR US-5095466-\$ OR US-4809239-\$ OR US-5764871-\$).DID.) ((US-6047240-\$ OR US-6005916-\$ OR US-5588032-\$ OR US-5210691-\$ OR US-4916616-\$ OR US-4972383-\$ OR US-4809239-\$).DID. OR (WO-111391-\$).DID.)) AND INTERPOLAT\$6)</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 18:10
	27	<p>(((((((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (JACOBIAN OR BROYDEN)) OR (((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (QUASINEWTON OR "QUASI NEWTON")))) OR (((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (QUASI-NEWTON OR (QUASINEWTON OR "QUASI NEWTON")))) OR ((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (JACOBIAN OR BROYDEN))) ((US-5764871-\$ OR US-5588032-\$ OR US-5241608-\$ OR US-5210691-\$ OR US-6005916-\$).DID.) ((US-5468088-\$ OR US-5241608-\$ OR US-5095466-\$ OR US-4809239-\$ OR US-5764871-\$).DID.) ((US-6047240-\$ OR US-6005916-\$ OR US-5588032-\$ OR US-5210691-\$ OR US-4916616-\$ OR US-4972383-\$ OR US-4809239-\$).DID. OR (WO-111391-\$).DID.)) AND (BED OR BOUNDARY OR LAYER)</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 18:11

	28	<p>((((((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (JACOBIAN OR BROYDEN)) OR (((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (QUASINEWTON OR "QUASI NEWTON")))) OR (((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (QUASI-NEWTON OR (QUASINEWTON OR "QUASI NEWTON")))) OR ((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (JACOBIAN OR BROYDEN)))) ((US-5764871-\$ OR US-5588032-\$ OR US-5241608-\$ OR US-5210691-\$ OR US-6005916-\$).DID.) ((US-5468088-\$ OR US-5241608-\$ OR US-5095466-\$ OR US-4809239-\$ OR US-5764871-\$).DID.) ((US-6047240-\$ OR US-6005916-\$ OR US-5588032-\$ OR US-5210691-\$ OR US-4916616-\$ OR US-4972383-\$ OR US-4809239-\$).DID. OR (WO-111391-\$).DID.)) AND (BEDS OR BOUNDARIES OR LAYERS)</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 18:11
	3	<p>((((((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (JACOBIAN OR BROYDEN)) OR (((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (QUASINEWTON OR "QUASI NEWTON")))) OR (((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (QUASI-NEWTON OR (QUASINEWTON OR "QUASI NEWTON")))) OR ((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (JACOBIAN OR BROYDEN)))) ((US-5764871-\$ OR US-5588032-\$ OR US-5241608-\$ OR US-5210691-\$ OR US-6005916-\$).DID.) ((US-5468088-\$ OR US-5241608-\$ OR US-5095466-\$ OR US-4809239-\$ OR US-5764871-\$).DID.) ((US-6047240-\$ OR US-6005916-\$ OR US-5588032-\$ OR US-5210691-\$ OR US-4916616-\$ OR US-4972383-\$ OR US-4809239-\$).DID. OR (WO-111391-\$).DID.)) AND (BEDS OR BOUNDARIES OR LAYERS)) NOT (((((((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (JACOBIAN OR BROYDEN)) OR (((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (QUASINEWTON OR "QUASI NEWTON")))) OR (((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (QUASI-NEWTON OR (QUASINEWTON OR "QUASI NEWTON")))) OR ((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (JACOBIAN OR BROYDEN)))) ((US-5764871-\$ OR US-5588032-\$ OR US-5241608-\$ OR US-5210691-\$ OR US-6005916-\$).DID.) ((US-5468088-\$ OR US-5241608-\$ OR US-5095466-\$ OR US-4809239-\$ OR US-5764871-\$).DID.) ((US-6047240-\$ OR US-6005916-\$ OR US-5588032-\$ OR US-5210691-\$ OR US-4916616-\$ OR US-4972383-\$ OR US-4809239-\$).DID. OR (WO-111391-\$).DID.)) AND (BED OR BOUNDARY OR LAYER))</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 18:12

	10	<p> ((((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (JACOBIAN OR BROYDEN)) OR (((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (QUASINEWTON OR "QUASI NEWTON")) OR (((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (QUASINEWTON OR (QUASINEWTON OR "QUASI NEWTON")) OR ((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (JACOBIAN OR BROYDEN)))) (US-5764871-\$ OR US-5588032-\$ OR US-5241608-\$ OR US-5210691-\$ OR US-6005916-\$).DID.) ((US-5468088-\$ OR US-5241608-\$ OR US-5095466-\$ OR US-4809239-\$ OR US-5764871-\$).DID.) ((US-6047240-\$ OR US-6005916-\$ OR US-5588032-\$ OR US-5210691-\$ OR US-4916616-\$ OR US-4972383-\$ OR US-4809239-\$).DID. OR (WO-111391-\$).DID.)) AND INVADED </p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 19:11
	11	<p> ((((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (JACOBIAN OR BROYDEN)) OR (((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (QUASINEWTON OR "QUASI NEWTON")) OR (((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (QUASINEWTON OR (QUASINEWTON OR "QUASI NEWTON")) OR ((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (JACOBIAN OR BROYDEN)))) (US-5764871-\$ OR US-5588032-\$ OR US-5241608-\$ OR US-5210691-\$ OR US-6005916-\$).DID.) ((US-5468088-\$ OR US-5241608-\$ OR US-5095466-\$ OR US-4809239-\$ OR US-5764871-\$).DID.) ((US-6047240-\$ OR US-6005916-\$ OR US-5588032-\$ OR US-5210691-\$ OR US-4916616-\$ OR US-4972383-\$ OR US-4809239-\$).DID. OR (WO-111391-\$).DID.)) AND INVASION </p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 19:11

	3	<p> ((((((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (JACOBIAN OR BROYDEN)) OR (((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (QUASINEWTON OR "QUASI NEWTON")) OR (((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (QUASI-NEWTON OR (QUASINEWTON OR "QUASI NEWTON")) OR ((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (JACOBIAN OR BROYDEN)))) (US-5764871-\$ OR US-5588032-\$ OR US-5241608-\$ OR US-5210691-\$ OR US-6005916-\$).DID.) ((US-5468088-\$ OR US-5241608-\$ OR US-5095466-\$ OR US-4809239-\$ OR US-5764871-\$).DID.) ((US-6047240-\$ OR US-6005916-\$ OR US-5588032-\$ OR US-5210691-\$ OR US-4916616-\$ OR US-4972383-\$ OR US-4809239-\$).DID. OR (WO-111391-\$).DID.)) AND INVASION) NOT (((((((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (JACOBIAN OR BROYDEN)) OR (((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (QUASINEWTON OR "QUASI NEWTON")) OR (((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (QUASI-NEWTON OR (QUASINEWTON OR "QUASI NEWTON")) OR ((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (JACOBIAN OR BROYDEN)))) (US-5764871-\$ OR US-5588032-\$ OR US-5241608-\$ OR US-5210691-\$ OR US-6005916-\$).DID.) ((US-5468088-\$ OR US-5241608-\$ OR US-5095466-\$ OR US-4809239-\$ OR US-5764871-\$).DID.) ((US-6047240-\$ OR US-6005916-\$ OR US-5588032-\$ OR US-5210691-\$ OR US-4916616-\$ OR US-4972383-\$ OR US-4809239-\$).DID. OR (WO-111391-\$).DID.)) AND INVADDED) </p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 19:12
	13	<p> ((((((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (JACOBIAN OR BROYDEN)) OR (((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (QUASINEWTON OR "QUASI NEWTON")) OR (((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (QUASI-NEWTON OR (QUASINEWTON OR "QUASI NEWTON")) OR ((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (JACOBIAN OR BROYDEN)))) (US-5764871-\$ OR US-5588032-\$ OR US-5241608-\$ OR US-5210691-\$ OR US-6005916-\$).DID.) ((US-5468088-\$ OR US-5241608-\$ OR US-5095466-\$ OR US-4809239-\$ OR US-5764871-\$).DID.) ((US-6047240-\$ OR US-6005916-\$ OR US-5588032-\$ OR US-5210691-\$ OR US-4916616-\$ OR US-4972383-\$ OR US-4809239-\$).DID. OR (WO-111391-\$).DID.)) AND SHOULDER </p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 19:44

		<p>((((((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (JACOBIAN OR BROYDEN)) OR (((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (QUASINEWTON OR "QUASI NEWTON")) OR (((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (QUASI-NEWTON OR (QUASINEWTON OR "QUASI NEWTON")) OR ((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (JACOBIAN OR BROYDEN)))) (US-5764871-\$ OR US-5588032-\$ OR US-5241608-\$ OR US-5210691-\$ OR US-6005916-\$).DID.) ((US-5468088-\$ OR US-5241608-\$ OR US-5095466-\$ OR US-4809239-\$ OR US-5764871-\$).DID.) ((US-6047240-\$ OR US-6005916-\$ OR US-5588032-\$ OR US-5210691-\$ OR US-4916616-\$ OR US-4972383-\$ OR US-4809239-\$).DID. OR (WO-111391-\$).DID.)) AND HOMOGENOUS</p>	<p>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</p>	<p>2003/03/02 19:37</p>
	0	<p>((((((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (JACOBIAN OR BROYDEN)) OR (((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (QUASINEWTON OR "QUASI NEWTON")) OR (((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (QUASI-NEWTON OR (QUASINEWTON OR "QUASI NEWTON")) OR ((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (JACOBIAN OR BROYDEN)))) (US-5764871-\$ OR US-5588032-\$ OR US-5241608-\$ OR US-5210691-\$ OR US-6005916-\$).DID.) ((US-5468088-\$ OR US-5241608-\$ OR US-5095466-\$ OR US-4809239-\$ OR US-5764871-\$).DID.) ((US-6047240-\$ OR US-6005916-\$ OR US-5588032-\$ OR US-5210691-\$ OR US-4916616-\$ OR US-4972383-\$ OR US-4809239-\$).DID. OR (WO-111391-\$).DID.)) AND HOMO-GENOUS</p>	<p>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</p>	<p>2003/03/02 19:37</p>
	13	<p>((((((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (JACOBIAN OR BROYDEN)) OR (((BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE) AND (RESISTIVITY OR CONDUCTIVITY)) AND (INVERT\$5 OR INVERSION)) AND (QUASINEWTON OR "QUASI NEWTON")) OR (((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (QUASI-NEWTON OR (QUASINEWTON OR "QUASI NEWTON")) OR ((702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND (JACOBIAN OR BROYDEN)))) (US-5764871-\$ OR US-5588032-\$ OR US-5241608-\$ OR US-5210691-\$ OR US-6005916-\$).DID.) ((US-5468088-\$ OR US-5241608-\$ OR US-5095466-\$ OR US-4809239-\$ OR US-5764871-\$).DID.) ((US-6047240-\$ OR US-6005916-\$ OR US-5588032-\$ OR US-5210691-\$ OR US-4916616-\$ OR US-4972383-\$ OR US-4809239-\$).DID. OR (WO-111391-\$).DID.)) AND HOMOGEN\$9</p>	<p>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</p>	<p>2003/03/02 19:51</p>
	2	<p>QUASI-NEWTON WITH (INVERT OR INVERSION OR INVERTED OR INVERTING)</p>	<p>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</p>	<p>2003/03/02 20:15</p>
	1889	<p>HOMOGEN\$9 WITH (PARAMETER OR PARAMETERS)</p>	<p>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</p>	<p>2003/03/04 14:29</p>

-	4	QUASI-NEWTON AND (HOMOGEN\$9 WITH (PARAMETER OR PARAMETERS))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 20:09
-	4	(QUASINEWTON OR "QUASI NEWTON") AND (HOMOGEN\$9 WITH (PARAMETER OR PARAMETERS))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 19:55
-	18	(JACOBIAN OR BROYDEN) AND (HOMOGEN\$9 WITH (PARAMETER OR PARAMETERS))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 19:55
-	2	("4484278" "5675147").PN.	USPAT	2003/03/02 20:08
-	0	6430509.URPN.	USPAT	2003/03/02 20:00
-	0	IDENTITY ADJ (MATRIX OR MATRICES)	USPAT	2003/03/02 20:08
-	1604	IDENTITY ADJ (MATRIX OR MATRICES)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 20:42
-	11	QUASI-NEWTON AND (IDENTITY ADJ (MATRIX OR MATRICES))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 20:09
-	4	QUASI-NEWTON SAME (INVERT OR INVERSION OR INVERTED OR INVERTING)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 20:15
-	8	QUASI-NEWTON AND BROYDEN	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 20:20
-	3	(702/6.CCLS. 702/7.CCLS. 367/25.CCLS. 367/73.CCLS. 324/323.CCLS. 324/339.CCLS.) AND QUASI-NEWTON	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 20:27
-	310	IDENTITY ADJ (OPERATOR OR OPERATORS OR OPERATION)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 20:42
-	2	QUASI-NEWTON AND (IDENTITY ADJ (OPERATOR OR OPERATORS OR OPERATION))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 20:42
-	123	QUASINEWTON OR "QUASI NEWTON" OR QUASI-NEWTON	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/04 16:26
-	358603	HOMOGEN\$9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/04 14:29
-	18	(QUASINEWTON OR "QUASI NEWTON" OR QUASI-NEWTON) AND HOMOGEN\$9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/04 16:00

-	43	"VARIABLE METRIC"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/04 15:59
-	4	"VARIABLE METRIC" AND HOMOGEN\$9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/04 16:04
-	110	HESSIAN SAME (GRADIENT OR GRADIENTS)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/04 16:03
-	39	((HESSIAN SAME (GRADIENT OR GRADIENTS)) AND HOMOGEN\$9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/04 16:06
-	4	"VARIABLE METRIC" AND (RESISTIVITY OR CONDUCTIVITY)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/04 17:04
-	14	((HESSIAN SAME (GRADIENT OR GRADIENTS)) AND (RESISTIVITY OR CONDUCTIVITY)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/04 16:28
-	11	((HESSIAN SAME (GRADIENT OR GRADIENTS)) AND (RESISTIVITY OR CONDUCTIVITY)) AND HOMOGEN\$9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/04 16:07
-	85938	BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/04 16:08
-	4	((((HESSIAN SAME (GRADIENT OR GRADIENTS)) AND (RESISTIVITY OR CONDUCTIVITY)) AND HOMOGEN\$9) AND (BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/04 16:22
-	42	APPROXIMAT\$5 WITH HESSIAN	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/04 16:28
-	195	(QUASINEWTON OR "QUASI NEWTON" OR QUASI-NEWTON) OR "VARIABLE METRIC" OR (APPROXIMAT\$5 WITH HESSIAN)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/04 16:28
-	22	((QUASINEWTON OR "QUASI NEWTON" OR QUASI-NEWTON) OR "VARIABLE METRIC" OR (APPROXIMAT\$5 WITH HESSIAN)) AND (RESISTIVITY OR CONDUCTIVITY)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/04 16:28
-	7	((((QUASINEWTON OR "QUASI NEWTON" OR QUASI-NEWTON) OR "VARIABLE METRIC" OR (APPROXIMAT\$5 WITH HESSIAN)) AND (RESISTIVITY OR CONDUCTIVITY)) AND (BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/04 16:29

-	6	(((QUASINEWTON OR "QUASI NEWTON" OR QUASI-NEWTON) OR "VARIABLE METRIC" OR (APPROXIMATE\$5 WITH HESSIAN)) AND (RESISTIVITY OR CONDUCTIVITY)) AND HOMOGEN\$9) AND (((QUASINEWTON OR "QUASI NEWTON" OR QUASI-NEWTON) OR "VARIABLE METRIC" OR (APPROXIMATE\$5 WITH HESSIAN)) AND (RESISTIVITY OR CONDUCTIVITY)) AND (BOREHOLE OR BORE-HOLE OR "BORE HOLE" OR LOGGING OR "WELL BORE" OR WELLBORE OR WELL-BORE))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/04 16:29
-	8	(((QUASINEWTON OR "QUASI NEWTON" OR QUASI-NEWTON) OR "VARIABLE METRIC" OR (APPROXIMATE\$5 WITH HESSIAN)) AND (RESISTIVITY OR CONDUCTIVITY)) AND HOMOGEN\$9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/04 16:45
-	9	("3134941" "4107597" "4273941" "4338664" "4703277" "4937747" "5041975" "5126939" "5148110").PN.	USPAT	2003/03/04 16:51
-	13	5355088.URPN.	USPAT	2003/03/04 16:51
-	2	PSEUDO-PARAMETER\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/04 17:05
-	5	PSEUDO ADJ PARAMETER\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/04 17:05
-	6	((("5210691") OR ("5355088") OR ("6047240"))).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/04 18:34
-	3	((("5210691") OR ("5355088") OR ("6047240"))).PN.	USPAT	2003/03/04 18:35
-	0	((("5210691") OR ("5355088") OR ("6047240"))).PN.) AND BROYDEN	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/04 18:35
-	79	BROYDEN	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/04 18:35
-	8	BROYDEN AND QUASI-NEWTON	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/04 18:35
-	16	"QUASI-NEWTON" AND HESSIAN	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/17 13:04
-	3	"QUASI-NEWTON" AND HESSIAN AND BROYDEN	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/17 13:26
-	0	("QUASI-NEWTON" AND HESSIAN AND BROYDEN) AND (SEISM\$ OR WELLBORE OR BOREHOLE)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/17 13:06
-	0	("QUASI-NEWTON" AND HESSIAN AND BROYDEN) AND (GEOLOGIC\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/17 13:06

-	8	"QUASI-NEWTON" AND BROYDEN	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/17 13:34
-	254	"STEEPEST DESCENT METHOD"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/17 13:35
-	3	"STEEPEST DESCENT METHOD" AND SCHLUMBERGER	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/17 13:35
-	2	("4486836").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/17 17:38
-	2529	NEWTON AND ITERAT\$9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 16:05
-	477	(NEWTON AND ITERAT\$9) AND (LAYERS OR BEDS)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 16:06
-	58	((NEWTON AND ITERAT\$9) AND (LAYERS OR BEDS)) AND (BOREHOLE OR LOGGING)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 16:07
-	143307	(MULTI OR MULTIPLE) ADJ (LAYER\$3 OR BED\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 16:08
-	127	(NEWTON AND ITERAT\$9) AND ((MULTI OR MULTIPLE) ADJ (LAYER\$3 OR BED\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 16:13
-	9	((((NEWTON AND ITERAT\$9) AND (LAYERS OR BEDS)) AND (BOREHOLE OR LOGGING)) AND ((NEWTON AND ITERAT\$9) AND ((MULTI OR MULTIPLE) ADJ (LAYER\$3 OR BED\$3)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/15 15:16
-	27	((NEWTON AND ITERAT\$9) AND ((MULTI OR MULTIPLE) ADJ (LAYER\$3 OR BED\$3))) AND QUASI	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 16:20
-	0	((MULTI OR MULTIPLE) ADJ (LAYER\$3 OR BED\$3)) WITH (QUASINERWTON OR QUASI-NEWTON OR "QUASI NEWTON")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 16:21
-	1	((MULTI OR MULTIPLE) ADJ (LAYER\$3 OR BED\$3)) SAME (QUASINERWTON OR QUASI-NEWTON OR "QUASI NEWTON")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 16:21
-	12	((MULTI OR MULTIPLE) ADJ (LAYER\$3 OR BED\$3)) AND (QUASINERWTON OR QUASI-NEWTON OR "QUASI NEWTON")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 16:22

-	3	((INVERSION OR INVERT\$9) WITH (QUASINEWTON OR QUASI-NEWTON OR "QUASI NEWTON"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 16:37
-	5	((INVERSION OR INVERT\$9) SAME (QUASINEWTON OR QUASI-NEWTON OR "QUASI NEWTON"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 16:25
-	25	((((INVERSION OR INVERT\$9) AND (QUASINEWTON OR QUASI-NEWTON OR "QUASI NEWTON")) NOT ((INVERSION OR INVERT\$9) SAME (QUASINEWTON OR QUASI-NEWTON OR "QUASI NEWTON"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 16:31
-	3	((((INVERSION OR INVERT\$9) AND (QUASINEWTON OR QUASI-NEWTON OR "QUASI NEWTON")) AND PSEUDO	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 16:31
-	75	LEGENDRE AND PSEUDO	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 16:37
-	8	((LEGENDRE AND PSEUDO) AND QUASI	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 16:37
-	30	((INVERSION OR INVERT\$9) AND (QUASINEWTON OR QUASI-NEWTON OR "QUASI NEWTON"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/15 16:05
-	3	((((INVERSION OR INVERT\$9) AND (QUASINEWTON OR QUASI-NEWTON OR "QUASI NEWTON")) AND PSEUDO	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/15 16:06